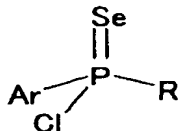


ABSTRACT OF THE DISCLOSURE

An asymmetric phosphinoselenoic chloride of the present invention is represented by the general formula:



5

wherein Ar represents an aryl group and R represents an aryl group, an alkyl group having 3 or more carbon atoms, or an alkoxy group. The asymmetric phosphinoselenoic chloride is a novel compound and is useful as synthetic raw materials,

10 agricultural chemicals, pharmaceutical products and the like.

CERTIFICATE UNDER 37 C.F.R. 1.10: The undersigned hereby certified that this paper or papers, as described herein are being deposited in the United States Postal Service, "Express Mail Post Office to Addressee" having an Express Mail mailing label number of: EV 315613127 US, in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 24th day of February 2004.

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